**Table 2**: Soil profile characteristics of soil monoliths representative of each site.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Information from Equivalent soil profile about:** | **Bog soil** | **Coastal needleleaf forest soil** | **Subalpine forest soil** | **Alpine tundra soil** | **Interior grassland, scrubland soil** |
| **Soil Monolith (label and link)** | UBC # 6-01 <https://monoliths.soilweb.ca/6-01/>  | UBC # 7-05. <https://monoliths.soilweb.ca/7-05/>  | UBC # 1-20 <https://monoliths.soilweb.ca/1-20/> | UBC # 8-02 <https://monoliths.soilweb.ca/8-02>/ | UBC # 2-06<https://monoliths.soilweb.ca/2-06/>  |
| **Organic/litter layer (depth)** | Om (0-13 cm)Oh (13-42 cm) |  |  | - not present | - not indicated |
| **A horizon (depth)** | - not present |  |  | Ah (0-5 cm) |  |
| **B horizon (depth, cm)** | - not present |  |  | - not present |  |
| **C horizon (depth, cm)** | IIC (42-78 cm) | IIC (27-57 cm)IIIC (57-100 cm) |  | C (5-59 cm) |  |
| **Parent Material** | Lacustrine |  |  | Colluvium |  |
| **Descriptive Notes:** Observable features, e.g., colours (generally), texture, presence of stones/rocks, mottles, etc. |  |  | Dark A layer from with visibly undecayed litter; Large pore, roots at 40 cm in Bm layer; Sub-rounded stones frequent below 70 cm; Transitions from A to B; B to C clear; A layers are separated by broken transition |  |  |
| **Soil Order**  | Organic |  | Brunisol | Regosol |  |
| **Soil Great Group**  | Humisol |  | Dystric Brunisol | Regosol |  |